



MAJOR SOURCE OPERATING PERMIT

PERMITTEE: SCOTCH PLYWOOD COMPANY, INC.

FACILITY NAME: SCOTCH PLYWOOD COMPANY, INC., FULTON DIVISION

FACILITY/PERMIT NO.: 102-S006

LOCATION: FULTON, CLARKE COUNTY, ALABAMA

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Ala. Code 1975, §§22-28-1 to 22-28-23 (2006 Rplc. Vol. and 2007 Cum. Supp.) (the "AAPCA") and the Alabama Environmental Management Act, as amended, Ala. Code 1975, §§22-22A-1 to 22-22A-15, (2006 Rplc. Vol. and 2007 Cum. Supp.) and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

Issuance Date: August 26, 2014

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General Permit Provisos	
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<p>1. <u>Transfer</u></p> <p>This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in ADEM Admin. Code r. 335-3-16-.13(1)(a)5.</p>	<p>ADEM Admin. Code r. 335-3-16-.02(6)</p>
<p>2. <u>Renewals</u></p> <p>An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.</p> <p>The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.</p>	<p>ADEM Admin. Code r. 335-3-16-.12(2)</p>
<p>3. <u>Severability Clause</u></p> <p>The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivisions, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(e)</p>
<p>4. <u>Compliance</u></p> <p>(a) The Permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the Permittee.</p> <p>(b) The Permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(f)</p> <p>ADEM Admin. Code r. 335-3-16-.05(g)</p>
<p>5. <u>Termination for Cause</u></p> <p>This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance will not stay any permit condition.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(h)</p>

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<p>6. <u>Property Rights</u></p> <p>The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(i)</p>
<p>7. <u>Submission of Information</u></p> <p>The Permittee must submit to the Air Division, within 30 days or for such other reasonable time as the Air Division may set, any information that the Air Division may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the Permittee shall also furnish to the Air Division copies of records required to be kept by this permit.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(j)</p>
<p>8. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u></p> <p>No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(k)</p>
<p>9. <u>Certification of Truth, Accuracy, and Completeness</u></p> <p>Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p>	<p>ADEM Admin. Code r. 335-3-16-.07(a)</p>
<p>10. <u>Inspection and Entry</u></p> <p>Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:</p> <ul style="list-style-type: none"> (a) Enter upon the Permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit; (b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit; (c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit; 	<p>ADEM Admin. Code r. 335-3-16-.07(b)</p>

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<p>(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.</p> <p>11. Compliance Provisions</p> <p>(a) The Permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.</p> <p>(b) The Permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.</p> <p>12. Compliance Certification</p> <p>The Permittee shall submit a complete and accurate compliance certification by June 22nd of each year for each annual reporting period of this permit (April 23rd – April 22nd).</p> <p>(a) The compliance certification shall include the following:</p> <ol style="list-style-type: none"> (1) The identification of each term or condition of this permit that is the basis of the certification; (2) The compliance status; (3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with ADEM Admin. Code r. 335-3-16-.05(c) (Monitoring and Recording Keeping Requirements); (4) Whether compliance has been continuous or intermittent; (5) Such other facts as the Air Division may require to determine the compliance status of the source; <p>(b) The compliance certification shall be submitted to:</p> <p style="text-align: center;">Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463 and to:</p> <p style="text-align: center;">Air Enforcement and Toxics Branch EPA Region 4 61 Forsyth Street SW Atlanta, GA 30303</p>	<p>ADEM Admin. Code r. 335-3-16-.07(c)</p> <p>ADEM Admin. Code r. 335-3-16-.07(e)</p>

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<p>13. <u>Reopening for Cause</u></p> <p>Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:</p> <ul style="list-style-type: none"> (a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the Permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire. (b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit. (c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. (d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements. 	<p>ADEM Admin. Code r. 335-3-16-.13(5)</p>
<p>14. <u>Additional Rules and Regulations</u></p> <p>This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.</p>	<p>§22-28-16(d), <u>Code of Alabama 1975</u>, as amended</p>
<p>15. <u>Equipment Maintenance or Breakdown</u></p> <ul style="list-style-type: none"> (a) In case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Air Division at least (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following: <ul style="list-style-type: none"> (1) Identification of the specific facility to be taken out of service as well as its location and permit number; (2) The expected length of time that the air pollution control equipment will be out of service; 	<p>ADEM Admin. Code r. 335-3-1-.07(1),(2)</p>

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<p>(3) The nature and quality of emissions of air contaminants likely to occur during the shutdown period;</p> <p>(4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period;</p> <p>(5) The reasons that it would be impossible or impractical to shut down the sources operation during the maintenance period.</p> <p>(b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.</p> <p>16. <u>Operation of Capture and Control Devices</u></p> <p>All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.</p> <p>17. <u>Obnoxious Odors</u></p> <p>This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.</p> <p>18. <u>Fugitive Dust</u></p> <p>(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.</p> <p>(b) Plant or haul roads and grounds shall be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:</p>	<p>§22-28-16(d), <u>Code of Alabama 1975</u>, as amended</p> <p>ADEM Admin. Code r. 335-3-1-.08</p> <p>ADEM Admin. Code r. 335-3-4-.02</p>

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<p>(1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;</p> <p>(2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;</p> <p>(3) By paving;</p> <p>(4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions.</p> <p>Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Air Division prior to utilization.</p> <p>19. Additions and Revisions</p> <p>Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.</p> <p>20. Recordkeeping Requirements</p> <p>(a) Records of required monitoring information of the source shall include the following:</p> <p>(1) The date, place, and time of all sampling or measurements;</p> <p>(2) The date analyses were performed;</p> <p>(3) The company or entity that performed the analyses;</p> <p>(4) The analytical techniques or methods used;</p> <p>(5) The results of all analyses; and</p> <p>(6) The operating conditions that existed at the time of sampling or measurement.</p>	<p>ADEM Admin. Code r. 335-3-16-.13 and 335-3-16-.14</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)2.</p>

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<p>(b) Retention of records of all required monitoring data and support information of the source for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit.</p> <p>21. Reporting Requirements</p> <p>(a) Reports to the Air Division of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with ADEM Admin. Code r. 335-3-16-.04(9).</p> <p>(b) Deviations from permit requirements shall be reported within 48 hours or 2 working days of such deviations, including those attributable to upset conditions as defined in the permit. The report shall include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.</p> <p>22. Emission Testing Requirements</p> <p>Each point of emission which requires testing shall be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.</p> <p>The Air Division must be notified in writing at least 20 days, unless otherwise specified, in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.</p> <p>To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:</p> <p>(a) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.</p> <p>(b) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures requires probe cleaning).</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)3.</p> <p>ADEM Admin. Code r. 335-3-1-.05(3) and 335-3-1-.04(1)</p> <p>ADEM Admin. Code r. 335-3-1-.04</p>

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<p>(c) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity.</p> <p>(d) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.</p> <p>A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.</p> <p>All test reports must be submitted to the Air Division within 30 days of the actual completion of the test unless an extension of time is specifically approved by the Air Division.</p> <p>23. <u>Payment of Emission Fees</u></p> <p>(a) The Permittee shall remit the annual Operating Permit Fees required by ADEM Admin. Code r. 335-1-7-.04 according to the schedule in ADEM Admin. Code r. 335-1-7-.05.</p> <p>(b) The Permittee shall submit its estimate of actual emissions for the previous calendar year according to the schedule in ADEM Admin. Code r. 335-1-7-.05.</p> <p>24. <u>Other Reporting and Testing Requirements</u></p> <p>Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.</p> <p>25. <u>Title VI Requirements (Refrigerants)</u></p> <p>Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.</p> <p>No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.</p> <p>The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR 82.166. Reports shall be submitted to the US EPA and the Department as required.</p>	<p>ADEM Admin. Code r. 335-3-1-.04</p> <p>ADEM Admin. Code r. 335-1-7-.05</p> <p>ADEM Admin. Code r. 335-1-7-.05</p> <p>ADEM Admin. Code r. 335-3-1-.04(1)</p> <p>ADEM Admin. Code r. 335-3-16-.05(a)</p>

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<p><u>26. Chemical Accidental Prevention Provisions</u></p> <p>If a chemical listed in Table 1 of 40 CFR Part 68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:</p> <p>(a) The owner or operator shall comply with the provisions in 40 CFR Part 68.</p> <p>(b) The owner or operator shall submit one of the following:</p> <p>(1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR Part 68 § 68.10(a) or,</p> <p>(2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.</p> <p><u>27. Display of Permit</u></p> <p>This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and shall make the permit readily available for inspection by any or all persons who may request to see it.</p> <p><u>28. Circumvention</u></p> <p>No person shall cause or permit the installation or use of any device or any means which, without resulting in the reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.</p> <p><u>29. Visible Emissions</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.</p> <p><u>30. Fuel-Burning Equipment</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.03.</p>	<p>40 CFR Part 68</p> <p>ADEM Admin. Code r. 335-3-14-.01(1)(d)</p> <p>ADEM Admin. Code r. 335-3-1-.10</p> <p>ADEM Admin. Code r. 335-3-4-.01(1)</p> <p>ADEM Admin. Code r. 335-3-4-.03</p>

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<p>Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-5-.01.</p> <p>31. <u>Process Industries – General</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.04.</p> <p>32. <u>Averaging Time for Emission Limits</u></p> <p>Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.</p> <p>33. <u>Open Burning</u></p> <p>Precautions should be taken to ensure that no person shall ignite, cause to ignite, permit to be ignited, or maintain any open fire in such a manner as to cause the Department's rules and regulations applicable to open burning to be violated.</p> <p>34. <u>Compliance Assurance Monitoring (CAM)</u></p> <p>Conditions (a) through (d) that follow are general conditions applicable to emissions units that are subject to the CAM requirements. Specific requirements related to each emissions unit are contained in the unit specific provisos.</p> <p>(a) <u>Operation of Approved Monitoring</u></p> <p>(1) <i>Commencement of operation.</i> The owner or operator shall conduct the monitoring required under this section and detailed in the unit specific provisos of this permit upon issuance of the permit, or by such later date specified in the permit pursuant to §64.6(d).</p> <p>(2) <i>Proper maintenance.</i> At all times, the owner or operator shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.</p>	<p>ADEM Admin. Code r. 335-3-5-.01</p> <p>ADEM Admin. Code r. 335-3-4-.04</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-3-.01</p> <p>40 CFR §64.7</p>

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<p>(3) <i>Continued operation.</i> Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the owner or operator shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of this part, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.</p> <p>(4) <i>Response to excursions or exceedances.</i></p> <p>(i) Upon detecting an excursion or exceedance, the owner or operator shall restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.</p> <p>(ii) Determination of whether the owner or operator has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process.</p>	

General Permit Provisos	
Federally Enforceable Provisos	Regulations
<p>(5) <i>Documentation of need for improved monitoring.</i> After approval of monitoring under this part, if the owner or operator identifies a failure to achieve compliance with an emission limitation or standard for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the owner or operator shall promptly notify the Department and, if necessary, submit a proposed modification to the permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.</p> <p>(b) Quality Improvement Plan (QIP) Requirements</p> <p>(1) Based on the results of a determination made under Section 34(a)(4)(i) above, the Administrator or the permitting authority may require the owner or operator to develop and implement a QIP. Consistent with 40 CFR §64.6(c)(3), the permit may specify an appropriate threshold, such as an accumulation of exceedances or excursions exceeding 5 percent duration of a pollutant-specific emissions unit's operating time for a reporting period, for requiring the implementation of a QIP. The threshold may be set at a higher or lower percent or may rely on other criteria for purposes of indicating whether a pollutant-specific emissions unit is being maintained and operated in a manner consistent with good air pollution control practices.</p> <p>(2) <i>Elements of a QIP:</i></p> <ul style="list-style-type: none"> (i) The owner or operator shall maintain a written QIP, if required, and have it available for inspection. (ii) The plan initially shall include procedures for evaluating the control performance problems and, based on the results of the evaluation procedures, the owner or operator shall modify the plan to include procedures for conducting one or more of the following actions, as appropriate: <ul style="list-style-type: none"> A. Improved preventive maintenance practices. B. Process operation changes. C. Appropriate improvements to control methods. 	<p>40 CFR §64.8</p>

General Permit Provisos	
Federally Enforceable Provisos	Regulations
<p>D. Other steps appropriate to correct control performance.</p> <p>E. More frequent or improved monitoring (only in conjunction with one or more steps under paragraphs (2)(b)(i) through (iv) above).</p> <p>(3) If a QIP is required, the owner or operator shall develop and implement a QIP as expeditiously as practicable and shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.</p> <p>(4) Following implementation of a QIP, upon any subsequent determination pursuant to Section 34(a)(4)(i) above, the Department may require that an owner or operator make reasonable changes to the QIP if the QIP is found to have:</p> <p>(i) Failed to address the cause of the control device performance problems; or</p> <p>(ii) Failed to provide adequate procedures for correcting control device performance problems as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.</p> <p>(5) Implementation of a QIP shall not excuse the owner or operator of a source from compliance with any existing emission limitation or standard, or any existing monitoring, testing, reporting or recordkeeping requirement that may apply under federal, state, or local law, or any other applicable requirements under the Act.</p> <p>(c) Reporting and Recordkeeping Requirements</p> <p>(1) <i>General reporting requirements</i></p> <p>(i) On and after the date specified in Section 34(a)(1) above by which the owner or operator must use monitoring that meets the requirements of this part, the owner or operator shall submit monitoring reports to the permitting authority in accordance with ADEM Admin. Code r. 335-3-16-.05(c)3.</p> <p>(ii) A report for monitoring under this part shall include, at a minimum, the information required under ADEM Admin. Code r. 335-3-16-.05(c)3. and the following information, as applicable:</p>	<p>40 CFR §64.9</p>

General Permit Provisos	
Federally Enforceable Provisos	Regulations
<p>A. Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken;</p> <p>B. Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and</p> <p>C. A description of the actions taken to implement a QIP during the reporting period as specified in Section 34(b) above. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.</p> <p>(2) <i>General recordkeeping requirements.</i></p> <p>(i) The owner or operator shall comply with the recordkeeping requirements specified in ADEM Admin. Code r. 335-3-16-.05(c)2. The owner or operator shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to Section 34(b) above and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under this part (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions).</p> <p>(ii) Instead of paper records, the owner or operator may maintain records on alternative media, such as microfilm, computer files, magnetic tape disks, or microfiche, provided that the use of such alternative media allows for expeditious inspection and review, and does not conflict with other applicable recordkeeping requirements.</p> <p>(d) Savings Provisions</p> <p>Nothing in this part shall:</p> <p>(1) Excuse the owner or operator of a source from compliance with any existing emission limitation or standard, or any existing monitoring, testing, reporting or recordkeeping requirement that may apply under federal, state, or local law, or any other applicable requirements under the Act.</p>	<p>40 CFR §64.10</p>

General Permit Provisos	
Federally Enforceable Provisos	Regulations
<p>The requirements of this part shall not be used to justify the approval of monitoring less stringent than the monitoring which is required under separate legal authority and are not intended to establish minimum requirements for the purpose of determining the monitoring to be imposed under separate authority under the Act, including monitoring in permits issued pursuant to title I of the Act. The purpose of this part is to require, as part of the issuance of a permit under title V of the Act, improved or new monitoring at those emissions units where monitoring requirements do not exist or are inadequate to meet the requirements of this part.</p> <p>(2) Restrict or abrogate the authority of the Department to impose additional or more stringent monitoring, recordkeeping, testing, or reporting requirements on any owner or operator of a source under any provision of the Act, including but not limited to sections 114(a)(1) and 504(b), or state law, as applicable.</p> <p>(3) Restrict or abrogate the authority of the Department to take any enforcement action under the Act for any violation of an applicable requirement or of any person to take action under section 304 of the Act.</p>	

Emission Unit Nos. 001 and 002 (Veneer Dryers)

Summary Page

Description:

- Veneer Dryer No. 1 (001): 17 MSF/hr Veneer Dryer with a 30 MMBtu/hr Wood-Fired Burner with the Heated Zones controlled by a dedicated Electrostatic Precipitator exhausted to Regenerative Thermal Oxidizer (RTO) No. 1 and/or No. 2
- Veneer Dryer No. 2 (002): 23.7 MSF/hr Veneer Dryer with a 30 MMBtu/hr Wood-Fired Burner and a 15 MMBtu/hr Natural Gas-Fired Burner with the Heated Zones controlled by a dedicated Electrostatic Precipitator exhausted to Regenerative Thermal Oxidizer (RTO) No. 1 and/or No. 2

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
001 and 002	RTO Stacks	PM	$E = 3.59(P)^{0.62}$	ADEM Admin. Code r. 335-3-4-.04(1)
001 and 002	RTO Stacks	SO ₂	4 lb/MMBtu	ADEM Admin. Code r. 335-3-5-.01(1)(b)
001 and 002	RTO Stacks	HAP	Reduce emissions of total HAP, measured as THC (as carbon) by 90 percent	40 CFR §63.2240 [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]
N/A	Dryer doors and green end of dryer	HAP	Minimize Fugitive Emissions	40 CFR §63.2241 [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]

Emission Unit Nos. 001 and 002 (Veneer Dryers Nos. 1 and 2 w/ESP and RTO)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03 "Major Source Operating Permits."</p> <p>(b) These sources are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD</p> <p>2. <u>Emission Standards</u></p> <p>(a) The Permittee shall not cause or allow the emission of particulate matter in excess of the amount determined by the use of the following equation:</p> $E = 3.59P^{0.62}$ <p>where E = Emissions in lb/hr</p> <p>P = Process Weight in T/hr.</p> <p>(b) The Permittee shall not cause or allow the emission of sulfur dioxide from these sources in excess of 4 lb/MMBtu heat input.</p> <p>(c) The Permittee shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period from these sources. At no time shall the Permittee discharge a 6-minute average opacity of particulate emissions greater than 40% from these sources. Opacity shall be determined by 40 CFR Part 60, Appendix A, Method 9.</p> <p>(d) <i>Particulate Matter and Visible Emission Standards Exemptions:</i></p> <p>The applicable emission standards for particulate matter and visible emissions will apply at all times except during periods of startups, shutdowns and emergencies as defined below:</p> <p>(1) Startup is defined as maintaining a 20% burner firing rate for one hour from the time of ignition of the burner, with a gradual increase of the firing rate, such that the temperature increase in the ESP does not exceed 100°F per hour, up to an operating temperature of 350°F, as recommended by the manufacturer. The ESP shall be immediately brought back on line once the operating temperature has been maintained</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)</p> <p>ADEM Admin. Code r. 335-3-4-.04(1)</p> <p>ADEM Admin. Code r. 335-3-5-.01(1)(b)</p> <p>ADEM Admin. Code r. 335-3-4-.01</p> <p>ADEM Admin. Code r. 335-3-16-.11</p>

Federally Enforceable Provisos	Regulations
<p>at a minimum temperature of 350°F for two hours. The entire startup period shall not exceed 12 hours from the time of burner ignition.</p> <p>(2) Shutdown is defined as the time when the fuel auger ceases to provide fuel to the burner and the entire system is brought off line. The electrostatic precipitator shall remain operational until the minimum safe operating temperature has been reached within the unit.</p> <p>(3) Emergency provision.</p> <p>(i) An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.</p> <p>(ii) Exceedances of emission limits during emergencies (as defined above) at a facility may be exempted from being violations provided that:</p> <p>A. The Permittee can identify the cause(s) of the emergency;</p> <p>B. At the time of the emergency, the permitted facility was being properly operated;</p> <p>C. During the period of the emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit;</p> <p>D. The Permittee submitted notice of the emergency to the permitting authority within two working days of the time when emission limitations were exceeded due to the emergency. Such notice shall include those deviations attributable to upset conditions as defined in the permit, the probable cause of said deviations, and any corrective actions or preventive measures that were taken. Within five (5) working days of the emergency, a written documentation what was reported in the notice of the emergency shall be submitted to the Department; and</p> <p>E. The Permittee immediately documented the emergency exceedance in an "Emergency Log", which</p>	

Federally Enforceable Provisos	Regulations
<p>shall be maintained for five (5) years in a form suitable for inspection upon request by a representative of the Department.</p> <p>(iii) The Director shall be the determiner of whether an emergency has occurred.</p> <p>(e) In accordance with 40 CFR §63.2240(b) and Option 1 of Table 1B to Subpart DDDD, the Permittee shall comply with Subpart DDDD by reducing the total HAP emissions, measured as THC (as carbon) by 90 percent by the use of a regenerative thermal oxidizer (RTO).</p> <p>(f) In accordance with 40 CFR §63.2241 and Table 3 to Subpart DDDD, the Permittee shall minimize fugitive emissions from the veneer dryer doors through proper maintenance procedures and from the green end of the dryers through proper balancing of the heated zone exhausts.</p> <p>(g) The Permittee shall be in compliance with the compliance options, operating requirements, and the work practice requirements in Subpart DDDD at all times, except during periods of process unit or control device startup, shutdown, and malfunction; prior to process unit initial startup; and during the routine control device maintenance exemption specified in 40 CFR §63.2251. The compliance options, operating requirements, and work practice requirements do not apply during times when the process unit(s) subject to the compliance options, operating requirements, and work practice requirements are not operating, or during periods of startup, shutdown, and malfunction. Startup and shutdown periods must not exceed the minimum amount of time necessary for these events. Shutoff of direct-fired burners resulting from partial and full production stoppages of direct-fired softwood veneer dryers or over-temperature events shall be deemed shutdowns and not malfunctions.</p> <p>(h) The Permittee shall always operate and maintain the affected source, including air pollution control and monitoring equipment, according to the provisions in 40 CFR §63.6(e)(1).</p>	<p>ADEM Admin. Code r. 335-3-11-.06(81)</p> <p>ADEM Admin. Code r. 335-3-11-.06(81)</p> <p>ADEM Admin. Code r. 335-3-11-.06(81)</p> <p>ADEM Admin. Code r. 335-3-11-.06(81)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p>	
<p>(a) If testing is required, the particulate emission rate from this unit shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 5.</p> <p>(b) If testing is required, the visible emissions from this process shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.</p> <p>(c) If testing is required, the volatile organic emissions from this process shall be measured in accordance with 40 CFR Part 60, Appendix A, Method 25A.</p>	<p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p>

Federally Enforceable Provisos	Regulations
<p>(d) When required, the Permittee shall conduct each performance test to determine compliance with 40 CFR 63, Subpart DDDD, according to the requirements in 40 CFR §63.7(e)(1), the requirements in paragraphs (b) through (o) of 40 CFR §63.2262, and according to the methods specified in Table 4 to Subpart DDDD.</p>	<p>ADEM Admin. Code r. 335-3-11-.06(81)</p>
<p>4. <u>Emission Monitoring</u></p>	
<p>(a) The Permittee shall monitor each field of the electrostatic precipitator once each shift (a minimum of once per day) to determine if the transformer/rectifier set voltages are operating between 20 and 55 KVDC and the conduction angle is operating between 30° and 160°. If any of the fields are noted to be operating outside of these ranges, the operators shall log the time of occurrence and cause (if known). The operator shall also notify the maintenance supervisor and correct causes of the occurrence as soon as possible. If two or more fields of the ESP are not operating within the above specified ranges, the operator shall shut down the corresponding veneer dryer and burner until repairs have been made and at least two of the ESPs are operating within the specified ranges.</p>	<p>40 CFR §64.7</p>
<p>(b) The Permittee shall maintain the 3-hour block average firebox temperature at or above the minimum established according to 40 CFR §63.2262. (1,436.5°F established in 2009)</p>	<p>ADEM Admin. Code r. 335-3-11-.06(81)</p>
<p>(c) The Permittee shall install, operate, and maintain a monitoring device for the firebox temperature of the RTO according to the applicable requirements listed in 40 CFR §63.2269(a) through (b).</p>	<p>ADEM Admin. Code r. 335-3-11-.06(81)</p>
<p>(d) The Permittee shall monitor and collect data of the 3-hour block average firebox temperature of the RTO according to the applicable requirements listed in 40 CFR §63.2270 and Table 7 of Subpart DDDD.</p>	<p>ADEM Admin. Code r. 335-3-11-.06(81)</p>
<p>(e) The Permittee shall reduce the firebox temperature monitoring system data to the specified averages in units of the applicable requirement according to calculations in 40 CFR §63.2270.</p>	<p>ADEM Admin. Code r. 335-3-11-.06(81)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p>	
<p>(a) For the emission monitoring performed in accordance with Proviso No. 4.(a) above, the Permittee shall maintain records in a permanent form on-site and available for inspection for at least five (5) years from the date of generation of each record. These records shall include:</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p>

Federally Enforceable Provisos	Regulations
<ul style="list-style-type: none"> (i) The date, time, and results of any monitoring performed; (ii) The date(s), time, nature, and results of any corrective action taken when an excursion from a monitoring parameter occurs. (b) As required by 40 CFR §63.2250(c), the Permittee shall develop and maintain a written startup, shutdown, and malfunction plan (SSMP) in accordance with the requirements of §63.6(e)(3). This plan shall be made readily available for inspection upon request. (c) The Permittee shall maintain all of the applicable records specified in 40 CFR §63.2282 and Tables 7 and 8 to Subpart DDDD. These records shall be in a form suitable and readily available for an expeditious review. Each record shall be retained for a period of 5 years from the date of generation of each record. Each record shall be retained on-site for at least 2 years from the date of generation of each record, and may be retained off-site for the remaining 3 years. (d) The Permittee shall submit all of the applicable notifications specified in 40 CFR §63.2280. These notifications include, but may not be limited to: <ul style="list-style-type: none"> (i) The Permittee shall submit a written notification of the intent to conduct a performance test to the Air Division at least 60 days prior to conducting a performance test. The notification shall include a copy of the site-specific test plan required by 40 CFR §63.7(c)(2). (ii) The Permittee shall submit a written notification of the intent to conduct a performance evaluation of the continuous monitoring system to the Air Division at least 60 days prior to conducting a performance evaluation. The notification shall include a copy of the site-specific performance evaluation test plan required by 40 CFR §63.8(e)(3). (iii) The Permittee shall submit a written notification of the intent to modify or replace the control system for these sources to the Air Division at least 30 days prior to taking any action. (iv) The Permittee shall submit a written notification of the intent to change the continuous monitoring parameter or the value or range of values of a continuous monitoring parameter for these sources or their control device to the Air Division at least 30 days prior to making any change. 	<p>ADEM Admin. Code r. 335-3-11-.06(81)</p> <p>ADEM Admin. Code r. 335-3-11-.06(81)</p> <p>ADEM Admin. Code r. 335-3-11-.06(81)</p>

Federally Enforceable Provisos	Regulations
<p>(e) For the emission monitoring performed in accordance with Proviso No. 4.(a) above, the Permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 60 days after the end of each semiannual reporting period (April 23rd– October 22nd and October 23rd– April 22nd). The report shall include the following information for these emission units:</p> <p>(i) A statement as to whether all monitoring was completed as required, and if not the date(s) and reason(s) why the monitoring was not performed;</p> <p>(ii) The date(s), time, nature, and results of any corrective action taken for monitoring excursions.</p> <p>(f) The Permittee shall submit all of the applicable reports specified in 40 CFR §63.2281 and Table 9 to Subpart DDDD. These reports include, but may not be limited to:</p> <p>(i) The Permittee shall submit a semiannual compliance report which contains the information in 40 CFR §63.2281(c) through (g), as applicable. Reports should coincide with the semiannual periods outlined in Proviso No. 5(e) above.</p> <p>(ii) The Permittee shall submit an immediate startup, shutdown, and malfunction report if a startup, shutdown, or malfunction occurs during a reporting period that is not consistent with the Permittee's SSMP.</p> <p>A. Initially, a report shall be submitted by fax or telephone within 2 working days after starting actions inconsistent with the SSMP and shall identify the nature of the event and the actions taken.</p> <p>B. Subsequently, a report shall be submitted by letter within 7 working days after the end of the event (unless alternative arrangements have been approved by the Air Division) and shall contain the information specified in 40 CFR §63.10(d)(5)(ii).</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p> <p>ADEM Admin. Code r. 335-3-11-.06(81)</p>

Emission Unit Nos. 003, 004, 012, 013 and 017 (Miscellaneous Coating Operations)

Summary Page

Description: Two Plywood Lay-up Lines, Plywood Patch Station, Ply Shield Station, and Ply Form Oil Station

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
003 and 004	Plywood Lay-up Line	HAP	N/A	N/A
012	Plywood Patch Station			
013	Ply Shield Station			
017	Ply Form Oil Station			

Emission Unit Nos. 003, 004, 012, 013 and 017 (Miscellaneous Coating Operations)**Unit Specific Provisos**

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u> (a) These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits." (b) These sources are affected sources under the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD.	ADEM Admin. Code r. 335-3-16-.03 ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. <u>Emission Standards</u> There are no emissions standards associated with these processes.	N/A
3. <u>Compliance and Performance Test Methods and Procedures</u> If testing is required, the volatile organic emissions from these processes shall be measured in accordance with 40 CFR Part 60, Appendix A, Method 25A	ADEM Admin. Code r. 335-3-1-.05
4. <u>Emission Monitoring</u> There are no emission monitoring requirements associated with these processes.	N/A
5. <u>Recordkeeping and Reporting Requirements</u> There are no recordkeeping or reporting requirements associated with these processes.	N/A

Emission Unit Nos. 018 and 019 (Group 1 Miscellaneous Coating Operations)

Summary Page

Description: Logo Painting Operation and Grade Stamping Operation

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
018	Logo Painting Operation	HAP	Use non-HAP coatings	40 CFR Part 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]
019	Grade Stamping Operation			

Emission Unit Nos. 018 and 019 (Group 1 Miscellaneous Coating Operations)**Unit Specific Provisos**

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
(a) These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
(b) These sources are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. <u>Emission Standards</u>	
The permittee shall use only non-HAP coatings as defined in 40 CFR §63.2292.	ADEM Admin. Code r. 335-3-11- .06(81)
3. <u>Compliance and Performance Test Methods and Procedures</u>	
If testing is required, the volatile organic emissions from these processes shall be measured in accordance with 40 CFR Part 60, Appendix A, Method 25A	ADEM Admin. Code r. 335-3-1-.05
4. <u>Emission Monitoring</u>	
There are no emission monitoring requirements associated with these processes.	N/A
5. <u>Recordkeeping and Reporting Requirements</u>	
The permittee shall keep records in accordance with Table 8 of 40 CFR Part 63, Subpart DDDD showing that only non-HAP coatings are being used. These records shall be made readily available for inspection upon request.	ADEM Admin. Code r. 335-3-11- .06(81)

Emission Unit Nos. 005 and 006 (Plywood Presses)

Summary Page

Description: One 40-Opening Plywood Press and One 46-Opening Plywood Press

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
005	40-Opening Plywood Press	HAP	N/A	40 CFR Part 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]
006	46-Opening Plywood Press			

Emission Unit Nos. 005 and 006 (Plywood Presses)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
(a) These processes are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
(b) These processes are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. <u>Emission Standards</u>	
There are no emissions standards associated with these processes.	N/A
3. <u>Compliance and Performance Test Methods and Procedures</u>	
If testing is required, the volatile organic emissions from these processes shall be measured in accordance with 40 CFR Part 60, Appendix A, Method 25A	ADEM Admin. Code r. 335-3-1-.05
4. <u>Emission Monitoring</u>	
There are no emission monitoring requirements associated with these processes.	N/A
5. <u>Recordkeeping and Reporting Requirements</u>	
There are no recordkeeping or reporting requirements associated with these processes.	N/A

Emission Unit Nos. 007, 008, and 011 (Pneumatic Transfer Systems)**Summary Page**

Description: Trim Saws and Hog Wood Waste Conveying System (007)
Tongue and Groove Machine, Panel Saw, and Sander Pneumatic Conveyor (008)
Fuel Silo Pneumatic System (011)

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
007	Trim Saw and Hog Cyclone	PM	$E = 3.59(P)^{0.62}$	ADEM Admin. Code r. 335-3-4-.04(1)
		PM	9.4 lb/hr	ADEM Admin Code r. 335-3-14-.04
008	Tongue and Groove Machine, Panel Saw, and Sander Baghouse	PM	$E = 3.59(P)^{0.62}$	ADEM Admin. Code r. 335-3-4-.04(1)
011	Fuel Silo Cyclone	PM	$E = 3.59(P)^{0.62}$	ADEM Admin. Code r. 335-3-4-.04(1)
		PM	9.9 lb/hr	ADEM Admin Code r. 335-3-14-.04

Emission Unit Nos. 007, 008, and 011 (Pneumatic Transfer Systems)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) These sources are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD</p> <p>2. <u>Emission Standards</u></p> <p>(a) The Permittee shall not cause or allow the emission of particulate matter from these sources in excess of the amount determined by the use of the following equation:</p> $E = 3.59P^{0.62}$ <p>where E = Emissions in lb/hr</p> <p>P = Process Weight in T/hr.</p> <p>(b) The Permittee shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period from these sources. At no time shall the Permittee discharge a 6-minute average opacity of particulate emissions greater than 40% from these sources. Opacity shall be determined by 40 CFR Part 60, Appendix A, Method 9.</p> <p>(c) The Permittee shall not cause or allow the particulate matter emission rate from the trim saw and hog wood waste cyclone (007) to exceed 9.4 lb/hr, as measured in accordance with 40 CFR Part 60, Appendix A, Method 5.</p> <p>(d) The Permittee shall not cause or allow the particulate matter emission rate from the fuel silo cyclone (011) to exceed 9.9 lb/hr, as measured in accordance with 40 CFR Part 60, Appendix A, Method 5.</p> <p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>(a) If testing is required, the particulate emission rate from this unit shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 5.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)</p> <p>ADEM Admin. Code r. 335-3-4-.04(1)</p> <p>ADEM Admin. Code r. 335-3-4-.01</p> <p>ADEM Admin Code r. 335-3-14-.04</p> <p>ADEM Admin Code r. 335-3-14-.04</p> <p>ADEM Admin. Code r. 335-3-1-.05</p>

Federally Enforceable Provisos	Regulations
(b) If testing is required, the visible emissions from this process shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.	ADEM Admin. Code r. 335-3-1-.05
4. <u>Emission Monitoring</u>	
(a) At least once per day during daylight hours while the process is operating, Permittee personnel familiar with the process shall observe the cyclones for greater than normal visible emissions as determined by previous observations of normal operations.	ADEM Admin. Code r. 335-3-16-.05
(b) At least once per day during daylight hours while the process is operating, Permittee personnel shall observe the baghouse for any visible emissions.	40 CFR §64.7
(c) Whenever observed visible emissions are greater than normal from the cyclones or if any visible emissions are observed from the baghouse, corrective action shall be initiated as soon as practicable but no longer than 24 hours from the time of observation, followed by an additional observation to confirm that emissions have been reduced to normal.	ADEM Admin. Code r. 335-3-16-.05
(d) The cyclones and baghouse shall be inspected for proper operation and cleaned at least annually, but more frequently whenever visible emissions are observed to be greater than normal from the cyclones or if any visible emissions are observed from the baghouse. If the results of the inspection indicate that cleaning or maintenance is needed, such action shall be initiated as soon as practicable but no longer than 24 hours from the completion of the inspection.	ADEM Admin. Code r. 335-3-16-.05
5. <u>Recordkeeping and Reporting Requirements</u>	
(a) The Permittee shall maintain records of emission monitoring performed in a permanent form on-site and available for inspection for at least five (5) years from the date of generation of each record. These records shall include:	ADEM Admin. Code r. 335-3-16-.05
(i) The date, time, and results of each daily observation for greater than normal visible emissions from the cyclones and daily observation for any visible emissions from the baghouse;	
(ii) The date(s), time, nature, and results of any corrective action taken when greater than normal visible emissions were observed from the cyclones or any visible emissions were observed from the baghouse;	
(iii) The date(s) and time the baghouse and cyclones were inspected for proper operation and, if the results of the inspection indicated that cleaning or emissions-related maintenance was needed, the date(s) and nature of the cleaning/maintenance performed.	

Federally Enforceable Provisos	Regulations
<p>(b) The Permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 60 days after the end of each semiannual reporting period (April 23rd – October 22nd and October 23rd – April 22nd). The report shall include the following information for these emission units.</p> <p>(i) A statement as to whether all observations for visible emissions were completed as required during the reporting period, and if not, the date(s) and reason(s) why the monitoring was not performed;</p> <p>(ii) A statement as to whether the annual inspection of the cyclones and baghouse were accomplished during the reporting period, and if so, the date and results of the inspection;</p> <p>(iii) The date(s), time, nature, and results of any corrective action taken when (1) greater than normal visible emissions were observed from the cyclones or (2) any visible emissions were observed from the baghouse or (3) an inspection of the cyclones or baghouse indicated that cleaning or emissions-related maintenance was needed.</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p>

Emission Unit No. 009 (15,000-Gallon Gasoline Storage Tank)

Summary Page

Description: 15,000-Gallon Gasoline Storage Tank

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
009	Gasoline Storage Tank	VOC	Vapor Control System	ADEM Admin. Code r. 335-3-6-.07

Emission Unit No. 009 (15,000-Gallon Gasoline Storage Tank)**Unit Specific Provisos**

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
(a) This tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
(b) This tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-6, "Control of Organic Emissions".	ADEM Admin. Code r. 335-3-6
2. <u>Emission Standards</u>	
(a) The Permittee shall not cause or allow the transfer of gasoline from a gasoline transport vessel (hereinafter "tank truck") into this gasoline storage tank unless this tank is equipped with a submerged fill pipe and the gasoline vapors displaced from the storage tank during filling are processed by a vapor control system that complies with ADEM Admin. Code r. 335-3-6-.07(4).	ADEM Admin. Code r. 335-3-6-.07
(b) The Permittee shall not cause or allow gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in unnecessary evaporation of gasoline to the atmosphere.	ADEM Admin. Code r. 335-3-6-.07
(c) The Permittee shall not bypass the vapor control system (Stage 1 controls) for the gasoline storage tank. The Permittee shall not disconnect any part of the vapor control system unless the use of gasoline storage tank is terminated.	ADEM Admin. Code r. 335-3-6-.07
(d) The Permittee shall not cause or allow a tank truck to transfer gasoline into this gasoline storage tank unless said tank trunk has a valid Department (ADEM) or Jefferson County Department of Health Air Sticker attached.	ADEM Admin. Code r. 335-3-6-.20
(e) The Permittee shall maintain the vapor control system in a vapor tight (leak-free) condition at all times. All vapor leaks shall be expeditiously repaired.	ADEM Admin. Code r. 335-3-6-.07
3. <u>Compliance and Performance Test Methods and Procedures</u>	
There are no applicable test requirements associated with this tank.	N/A
4. <u>Emission Monitoring</u>	
There are no applicable monitoring requirements associated with this tank.	N/A
5. <u>Recordkeeping and Reporting Requirements</u>	
The Permittee shall maintain records of throughput quantities in gallons and types of petroleum distillates in this tank and retain these records for a period of five years.	ADEM Admin. Code r. 335-3-6-.07

Emission Unit No. 010 (Boiler)**Summary Page****Description:** 20 MMBtu/hr Natural Gas-Fired Boiler**Permitted Operating Schedule:** 8,760 hr/yr**Emission Limitations:**

Emission Point No.	Description	Pollutant	Emission limit	Regulation
010	Boiler Stack	PM	$E = 1.38 (H)^{-0.44}$	ADEM Admin. Code r. 335-3-4-.03
010	Boiler Stack	SO ₂	4 lb/MMBtu	ADEM Admin. Code r. 335-3-5-.01(1)(b)

Emission Unit No. 010 (Boiler)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>This boiler is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p>
<p>2. <u>Emission Standards</u></p> <p>(a) The Permittee shall not cause or allow the emission of particulate matter from this boiler in excess of the amount determined by the use of the following equation:</p> $E = 1.38(H)^{-0.44}$ <p>where E = Emissions in lb/MMBtu</p> <p>H = Heat input in MMBtu/hr</p> <p>(b) The Permittee shall not cause or allow the emission of sulfur dioxide from this boiler in excess of 4 lb/MMBtu heat input.</p> <p>(c) The Permittee shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period from this boiler. At no time shall the Permittee discharge a 6-minute average opacity of particulate emissions greater than 40% from this boiler. Opacity shall be determined by 40 CFR Part 60, Appendix A, Method 9.</p>	<p>ADEM Admin. Code r. 335-3-4-.03</p> <p>ADEM Admin. Code r. 335-3-5-.01(1)(b)</p> <p>ADEM Admin. Code r. 335-3-4-.01</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>(a) If testing is required, the particulate emission rate from this unit shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 5.</p> <p>(b) If testing is required, the visible emissions from this process shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.</p>	<p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p>
<p>4. <u>Emission Monitoring</u></p> <p>There are no applicable monitoring requirements associated with this boiler.</p>	<p>N/A</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>There are no applicable recordkeeping or reporting requirements associated with this boiler.</p>	<p>N/A</p>

Emission Unit Nos. 014, 015 and 016 (Resin Tanks)

Summary Page

Description: Three 6,000-Gallon Resin Storage Tanks

Permitted Operating Schedule: 8,760 hr/yr

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation
014, 015 and 016	Resin Storage Tanks	HAP	N/A	40 CFR Part 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]

Emission Unit No. 014, 105 and 016 (Resin Tanks)**Unit Specific Provisos**

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
(a) These tanks are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
(b) These tanks are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
2. <u>Emission Standards</u>	
There are no applicable emissions standards associated with these tanks.	N/A
3. <u>Compliance and Performance Test Methods and Procedures</u>	
There are no applicable testing requirements associated with these tanks.	N/A
4. <u>Emission Monitoring</u>	
There are no applicable emission monitoring requirements associated with these tanks.	N/A
5. <u>Recordkeeping and Reporting Requirements</u>	
There are no applicable recordkeeping or reporting requirements associated with these tanks.	N/A